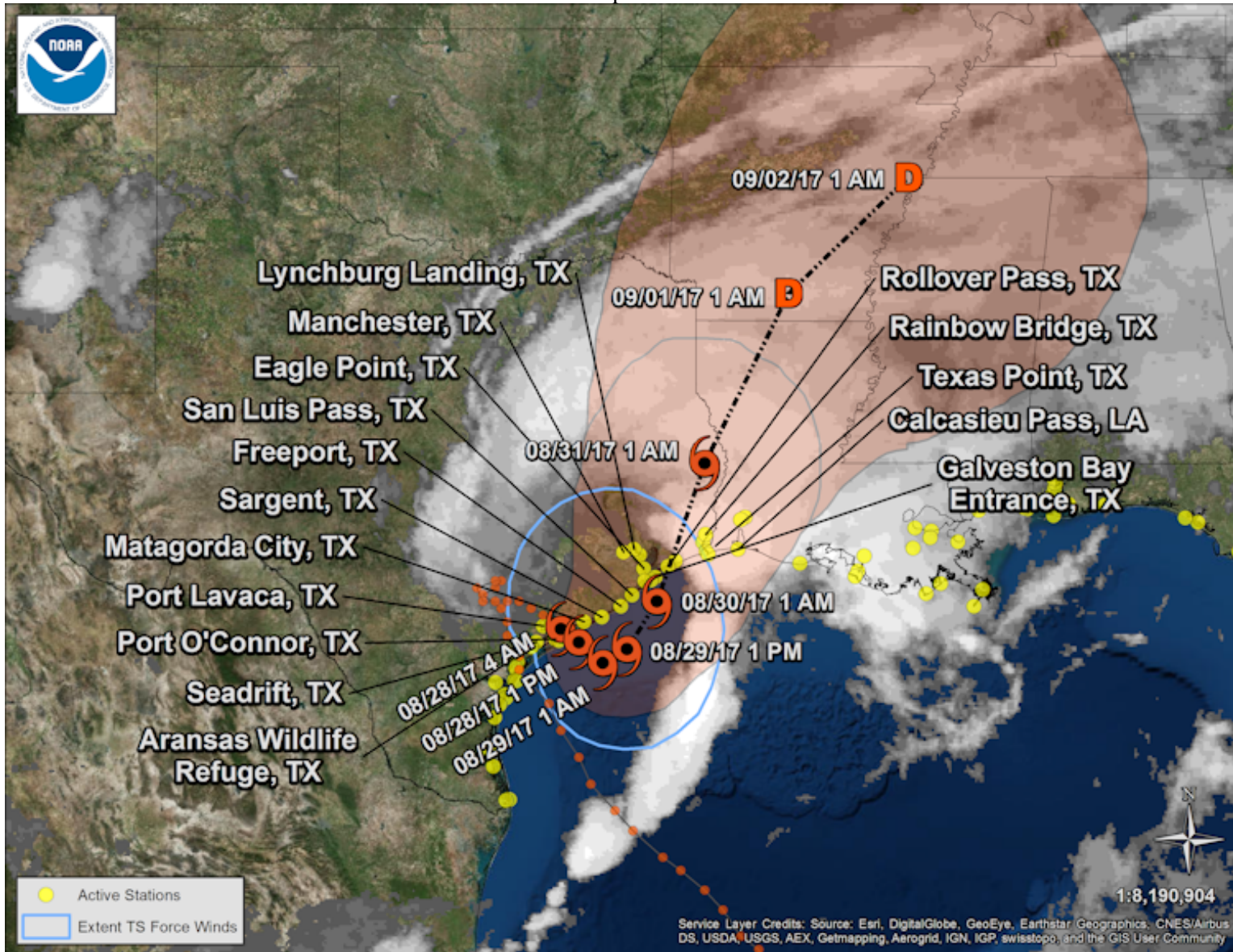


Tropical Storm HARVEY QuickLook Posted: 05:00 CDT 08/28/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 8/28/2017 0500 CDT, water levels from central Texas to western Louisiana remain elevated by 0 to 9 feet. The highest water levels are being observed in Galveston Bay and the surrounding waterways, ranging from 2.5 to 8.5 feet above normal tide levels. Elsewhere, water levels are steady or have dropped significantly.

Water levels in bays and associated waterways may include impacts from hydrological forces, including rainfall runoff. For additional hydrological information see the [NWS Advanced Hydrologic Prediction Services](#) or your local [National Weather Service Forecast Office](#).

Wind speeds are steady or dropping as Harvey slowly moves back towards the coast. Most locations are measuring speeds between 10 to 20 kts knots with gusts between 20 and 35 kts. Barometric pressure is dropping along the coast as Harvey slowly moves in that direction.

Water Level and Meteorological plots available below are updated automatically. A line denoting [Mean Higher High Water](#) (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: AC

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

Tropical Storm Harvey Advisory Number 32

NWS National Hurricane Center Miami FL

400 AM CDT Mon Aug 28 2017

...LIFE-THREATENING FLOODING CONTINUES OVER SOUTHEASTERN TEXAS...

...DO NOT ATTEMPT TO TRAVEL IN THE AFFECTED AREAS IF YOU ARE IN

A SAFE PLACE AND DO NOT DRIVE INTO FLOODED ROADWAYS...

SUMMARY OF 400 AM CDT...0900 UTC...INFORMATION

LOCATION...28.6N 96.3W

ABOUT 15 MI...25 KM NNE OF PORT OCONNOR TEXAS

MAXIMUM SUSTAINED WINDS...40 MPH...65 KM/H

PRESENT MOVEMENT...SE OR 130 DEGREES AT 3 MPH...6 KM/H

MINIMUM CENTRAL PRESSURE...998 MB...29.47 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

* Mesquite Bay to High Island

Catastrophic and life-threatening flooding continues in southeastern Texas, and flash flood emergencies are in effect for portions of this area. Please see warnings and other products issued by your local National Weather Service office for additional information on this life-threatening situation.

Interests elsewhere along the upper Texas coast and in southwestern Louisiana should continue to monitor the progress of Harvey.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 400 AM CDT (0900 UTC), the center of Tropical Storm Harvey was located near latitude 28.6 North, longitude 96.3 West. Harvey is moving toward the southeast near 3 mph (6 km/h) and a slow southeastward motion is expected today. A slow northeastward motion is expected to begin on Tuesday. On the forecast track, the center of Harvey is forecast to move off the middle Texas coast this morning, and remain just offshore through Tuesday.

Maximum sustained winds are near 40 mph (65 km/h) with higher gusts. Some slight restrengthening is possible after the center moves off the coast later today and Tuesday.

Tropical-storm-force winds extend outward up to 175 miles (280 km) from the center.

The estimated minimum central pressure is 998 mb (29.47 inches).

HAZARDS AFFECTING LAND

RAINFALL: Harvey is expected to produce additional rainfall accumulations of 15 to 25 inches through Friday over the upper Texas coast and into southwestern Louisiana. Isolated storm totals may reach 50 inches over the upper Texas coast, including the Houston/ Galveston metropolitan area. These rains are currently producing catastrophic and life-threatening flooding, and flash flood emergencies are in effect for portions of southeastern Texas. **DO NOT ATTEMPT TO TRAVEL IN THE AFFECTED AREA IF YOU ARE IN A SAFE PLACE. DO NOT DRIVE INTO FLOODED ROADWAYS.** Please see warnings and products issued by your local National Weather Service office for additional information on this life-threatening situation.

Elsewhere, Harvey is expected to produce total rain accumulations of 5 to 15 inches farther south into the middle Texas coast, farther west toward the Texas Hill Country, and farther east across south- central Louisiana.

A list of rainfall observations compiled by the NOAA Weather Prediction Center can be found at:
www.wpc.ncep.noaa.gov/discussions/nfdsccl.html

STORM SURGE: The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water is expected to reach the following heights above ground if the peak surge occurs at the time of high tide...

Port Aransas to Morgan City including Galveston Bay...1 to 3 ft

The deepest water will occur along the immediate coast near the area of onshore winds. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

WIND: Tropical storm conditions are occurring in rain bands well to the east of the center of Harvey, including portions of the tropical storm warning area along the coast. Tropical storm conditions are likely to persist in areas of onshore winds within the warning area during the next couple of days.

SURF: Swells generated by Harvey are affecting the coasts of Texas and Louisiana. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

TORNADOES: A few tornadoes are possible today and tonight from the upper Texas coast across parts of southwestern and south-central Louisiana.

NEXT ADVISORY

Next intermediate advisory at 700 AM CDT.

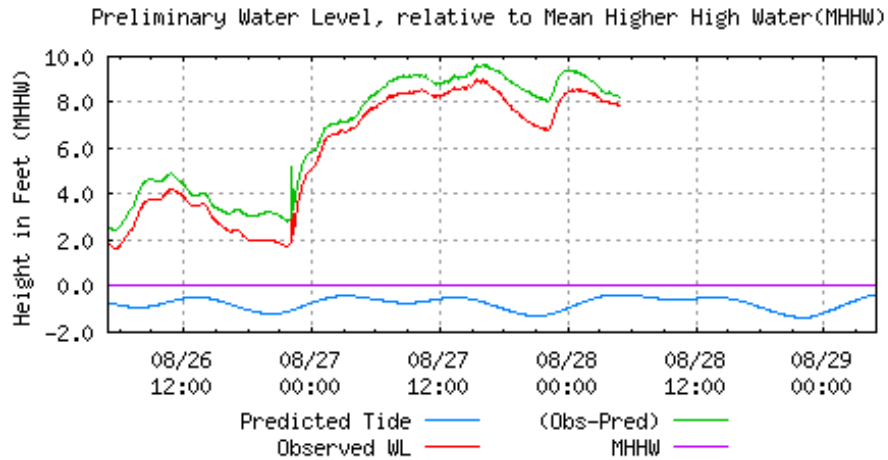
Next complete advisory at 1000 AM CDT.

Forecaster Pasch

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Manchester - Water Level](#), [Manchester - Winds](#), [Manchester - Barometric](#), [Lynchburg Landing - Water Level](#), [Lynchburg Landing - Winds](#), [Eagle Point - Water Level](#), [Eagle Point - Winds](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [Rollover Pass - Water Level](#), [Rollover Pass - Winds](#), [Rainbow Bridge - Water Level](#), [Texas Point, Sabine Pass - Water Level](#), [Texas Point, Sabine Pass - Winds](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [San Luis Pass - Water Level](#), [San Luis Pass - Winds](#), [Freeport - Water Level](#), [Freeport - Winds](#), [Sargent - Water Level](#), [Sargent - Winds](#), [Matagorda City - Water Level](#), [Matagorda City - Winds](#), [Matagorda City - Barometric](#), [Port O'Connor - Water Level](#), [Port O'Connor - Winds](#), [Port Lavaca - Water Level](#), [Port Lavaca - Winds](#), [Seadrift - Water Level](#), [Seadrift - Winds](#), [Aransas Wildlife Refuge - Water Level](#), [Aransas Wildlife Refuge - Winds](#)

NOAA/NOS/CO-OPS 8770777 Manchester, TX



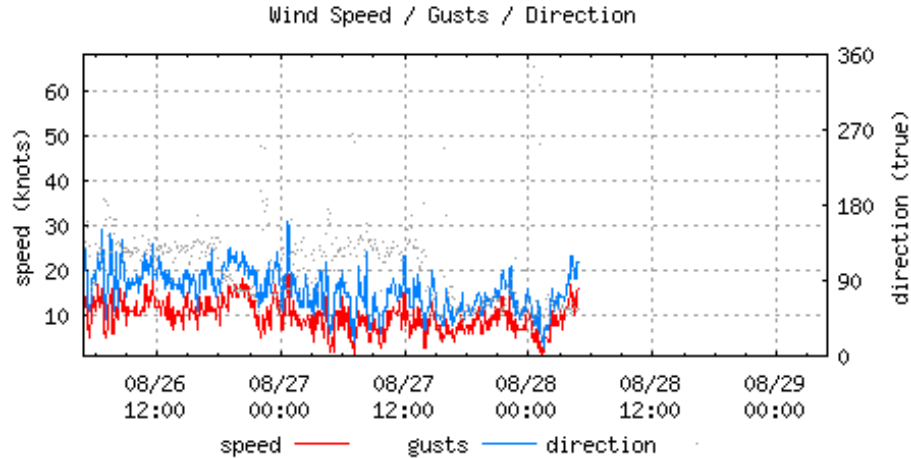
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 7.86 ft. Predicted: -0.38 ft. Residual: 8.24 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 04:50 (CDT), -0.38 ft.

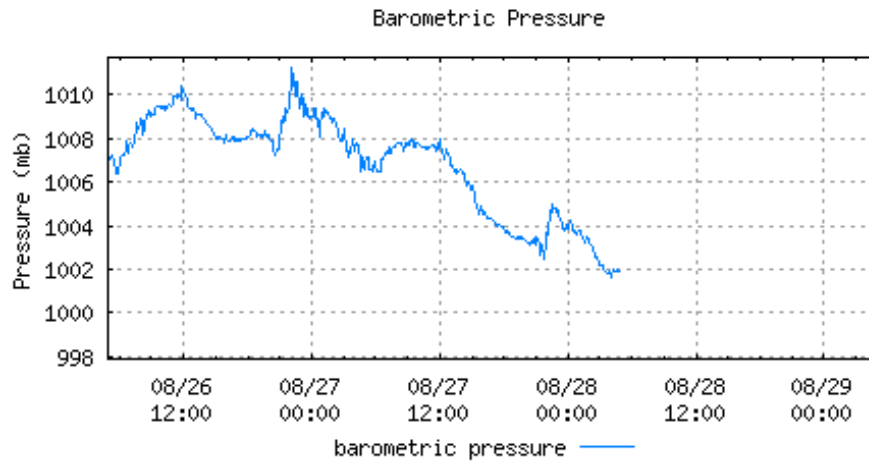
NOAA/NOS/CO-OPS 8770777 Manchester, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 16 knots Gusts: 22 knots Direction: 55° T

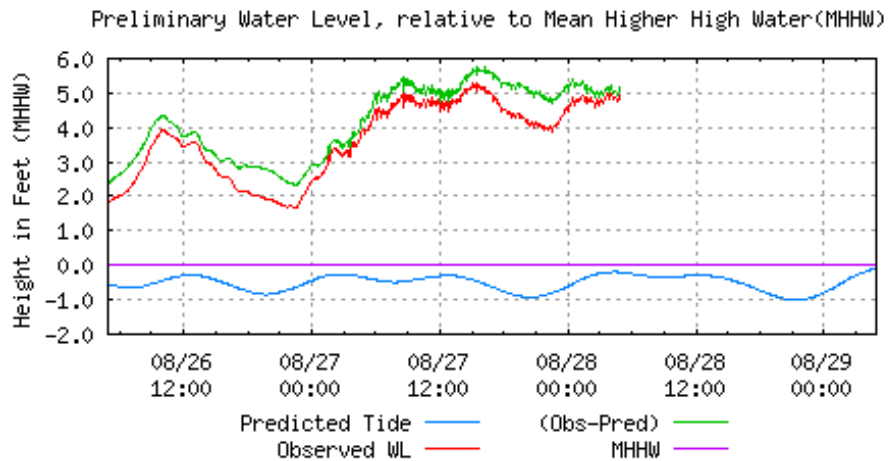
NOAA/NOS/CO-OPS 8770777 Manchester, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Barometric Pressure: 1001.9 mb

NOAA/NOS/CO-OPS 8770733 Lynchburg Landing, TX



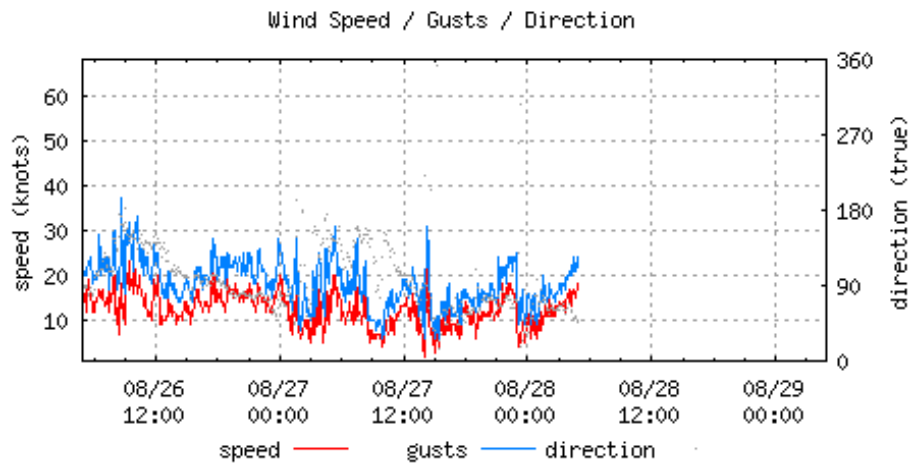
Last Observed Sample: 08/28/2017 04:54 (CDT). Data relative to MHHW

Observed: 4.96 ft. Predicted: -0.19 ft. Residual: 5.15 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 12:35 (CDT), -0.30 ft.

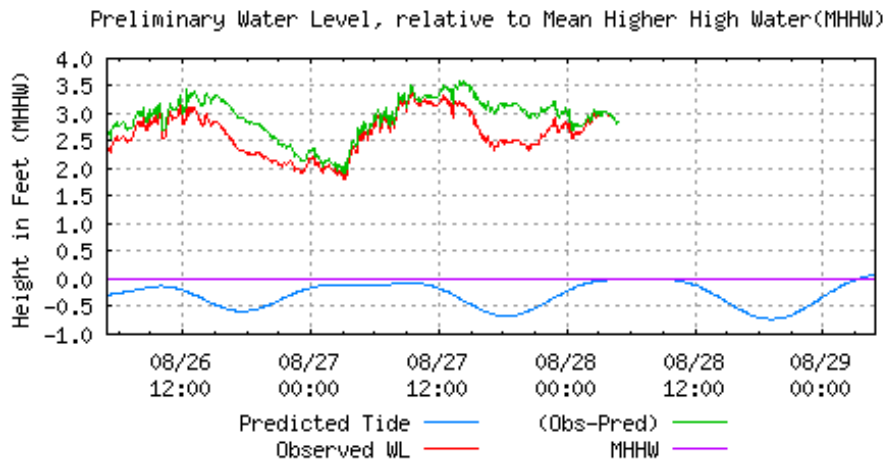
NOAA/NOS/CO-OPS 8770733 Lynchburg Landing, TX



Last Observed Sample: 08/28/2017 04:54 (CDT)

Wind Speed: 17 knots Gusts: 22 knots Direction: 47° T

NOAA/NOS/CO-OPS 8771013 Eagle Point, TX



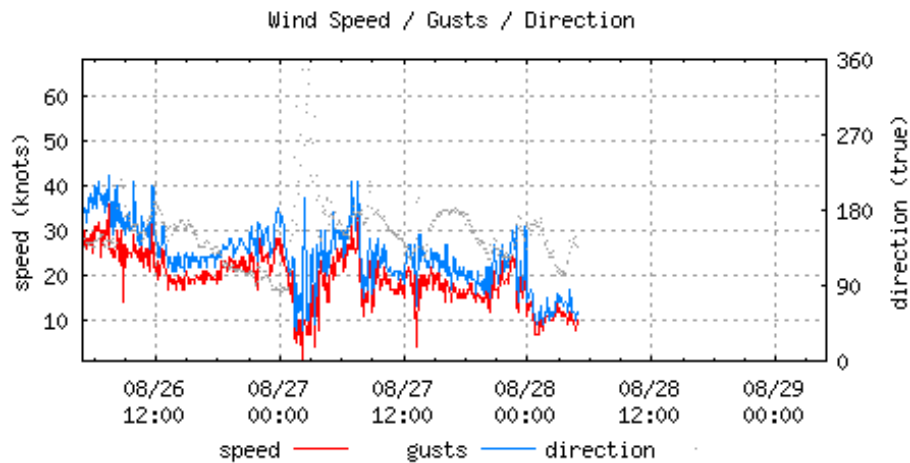
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 2.84 ft. Predicted: 0.00 ft. Residual: 2.84 ft.

Historical Maximum Water Level: Sep 13 2008, 10.76 ft.

Next High Tide: 08/28/2017 07:33 (CDT), 0.01 ft.

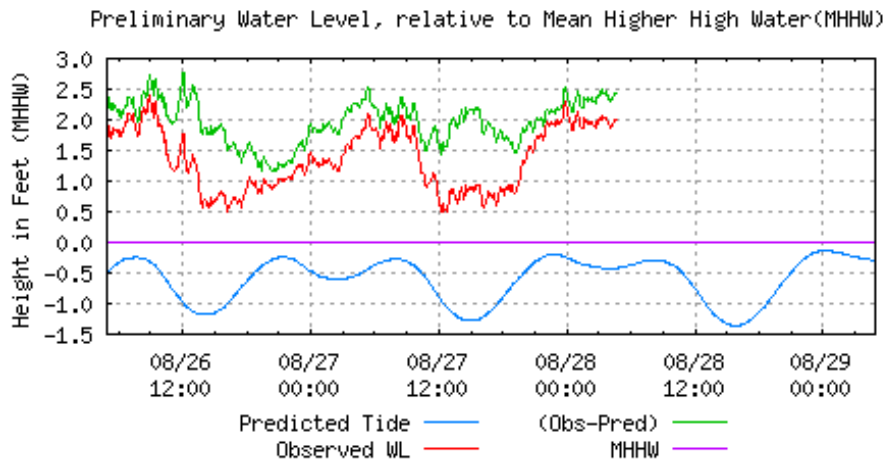
NOAA/NOS/CO-OPS 8771013 Eagle Point, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 10 knots Gusts: 12 knots Direction: 135° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



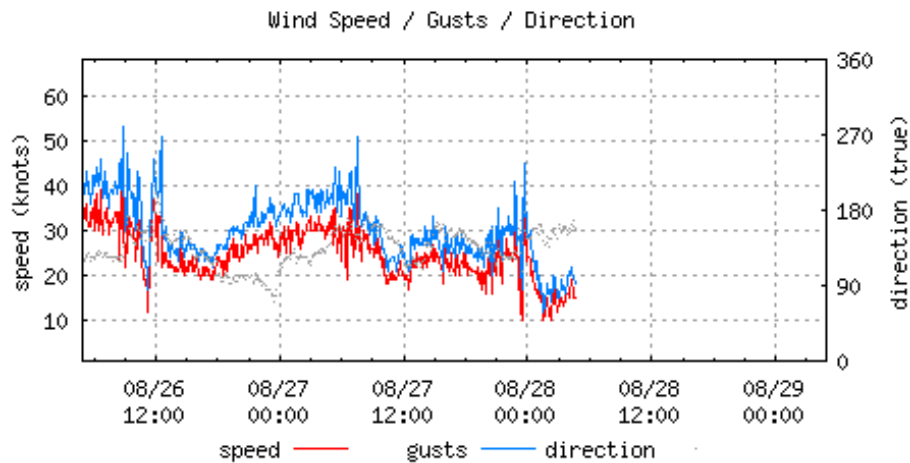
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 1.96 ft. Predicted: -0.42 ft. Residual: 2.38 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

Next High Tide: 08/28/2017 08:14 (CDT), -0.30 ft.

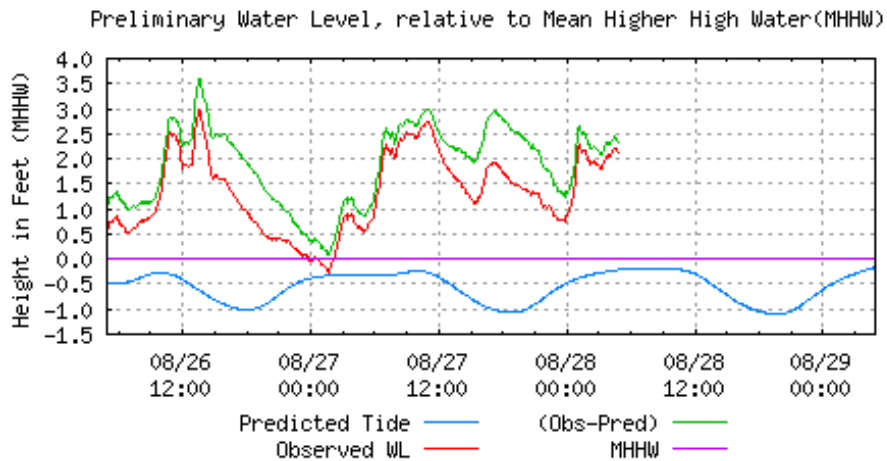
NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 14 knots Gusts: 17 knots Direction: 156° T

NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX



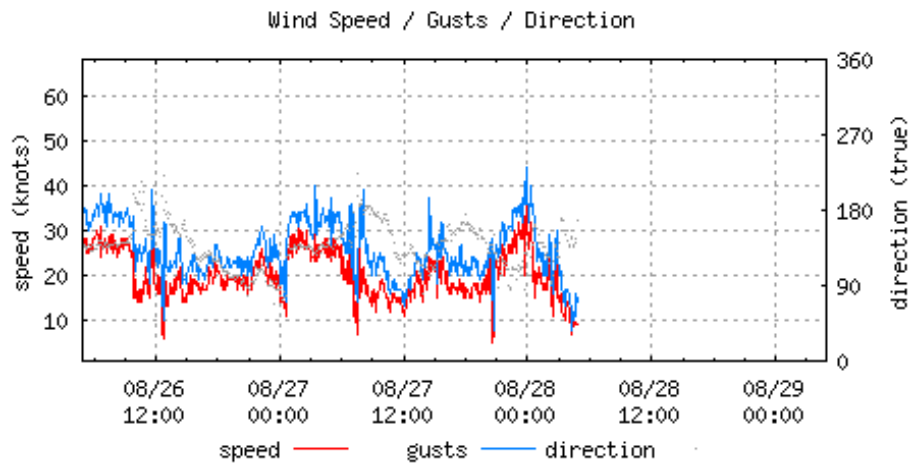
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 2.12 ft. Predicted: -0.22 ft. Residual: 2.34 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 06:18 (CDT), -0.19 ft.

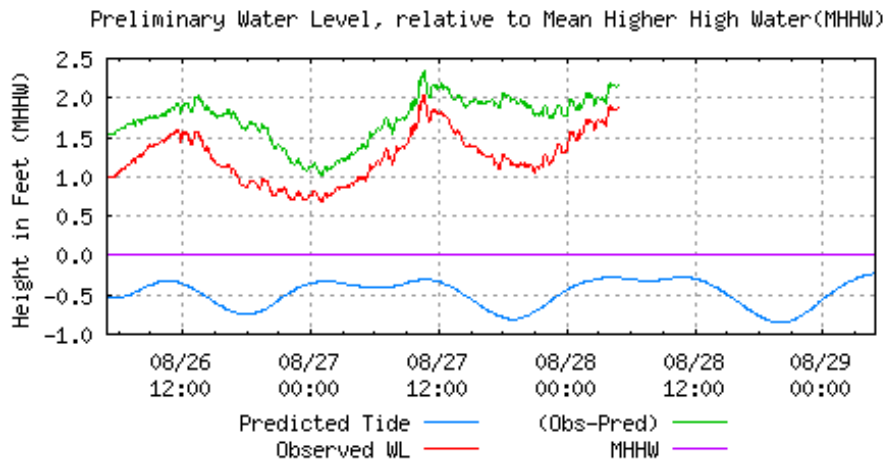
NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 9 knots Gusts: 14 knots Direction: 168° T

NOAA/NOS/CO-OPS 8770520 Rainbow Bridge, TX



Last Observed Sample: 08/28/2017 04:54 (CDT). Data relative to MHHW

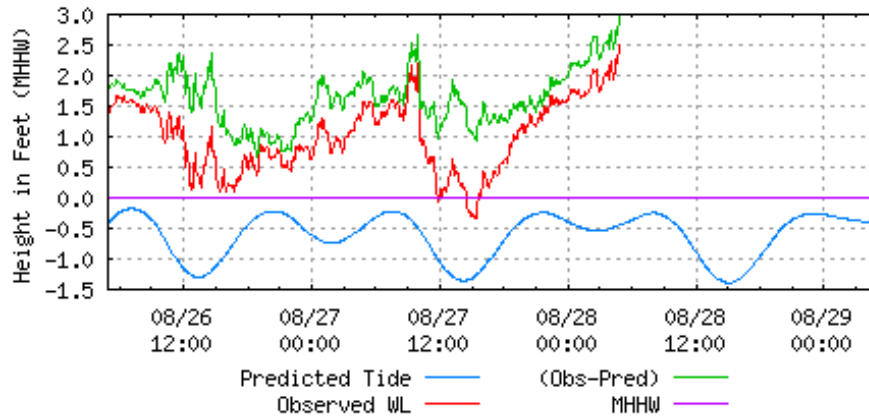
Observed: 1.93 ft. Predicted: -0.29 ft. Residual: 2.22 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 10:55 (CDT), -0.28 ft.

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/28/2017 04:54 (CDT). Data relative to MHHW

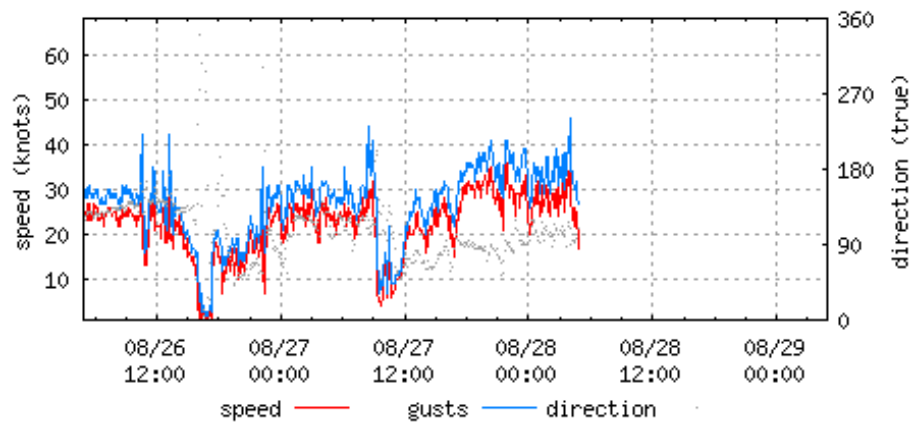
Observed: 2.65 ft. Predicted: -0.44 ft. Residual: 3.09 ft.

Historical Maximum Water Level: Mar 20 2012, 1.91 ft.

Next High Tide: 08/28/2017 08:01 (CDT), -0.25 ft.

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

Wind Speed / Gusts / Direction

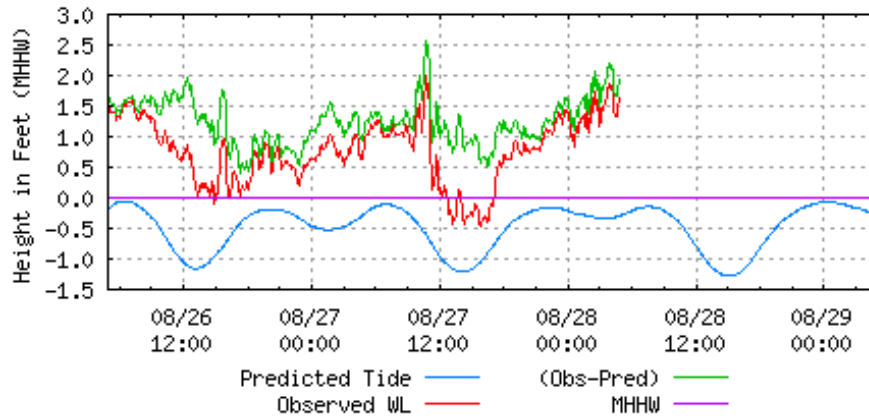


Last Observed Sample: 08/28/2017 04:54 (CDT)

Wind Speed: 20 knots Gusts: 26 knots Direction: 100° T

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

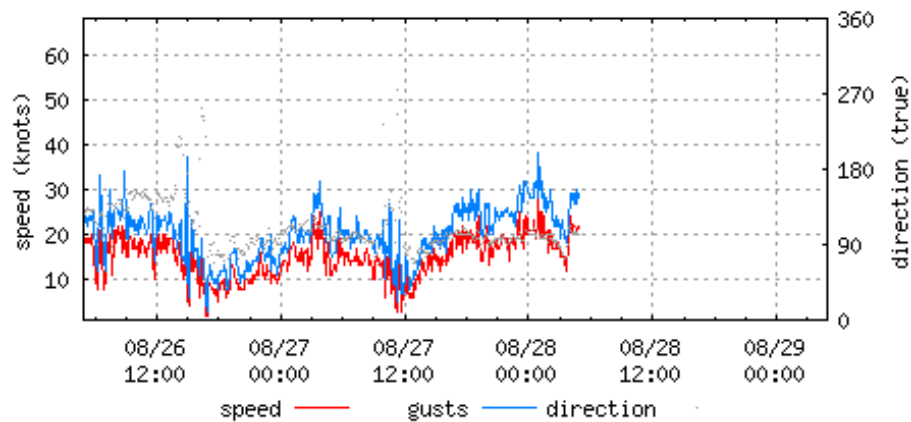
Observed: 1.62 ft. Predicted: -0.30 ft. Residual: 1.92 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 08/28/2017 07:33 (CDT), -0.15 ft.

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

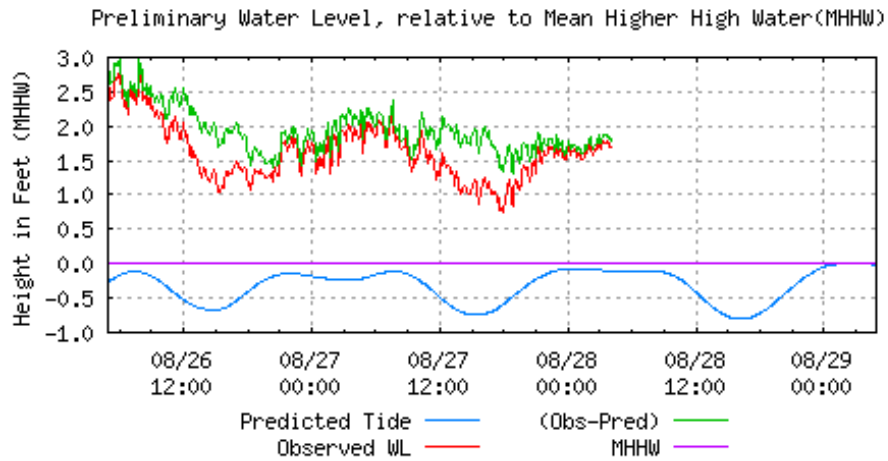
Wind Speed / Gusts / Direction



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 22 knots Gusts: 29 knots Direction: 103° T

NOAA/NOS/CO-OPS 8771972 San Luis Pass, TX



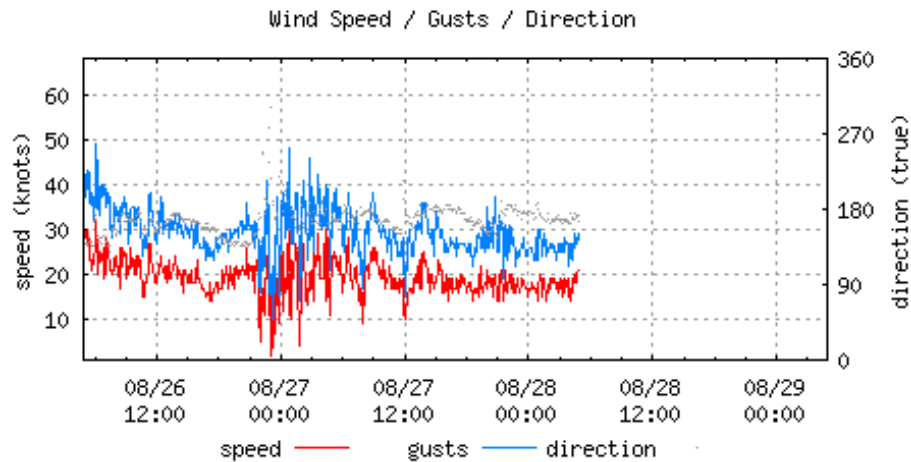
Last Observed Sample: 08/28/2017 04:54 (CDT). Data relative to MHHW

Observed: 1.70 ft. Predicted: -0.11 ft. Residual: 1.81 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 07:41 (CDT), -0.10 ft.

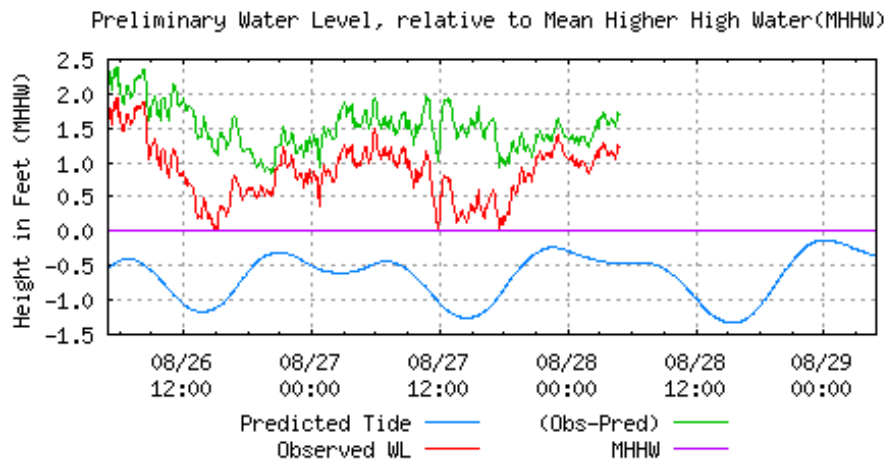
NOAA/NOS/CO-OPS 8771972 San Luis Pass, TX



Last Observed Sample: 08/28/2017 04:54 (CDT)

Wind Speed: 21 knots Gusts: 29 knots Direction: 166° T

NOAA/NOS/CO-OPS 8772447 Freeport, TX



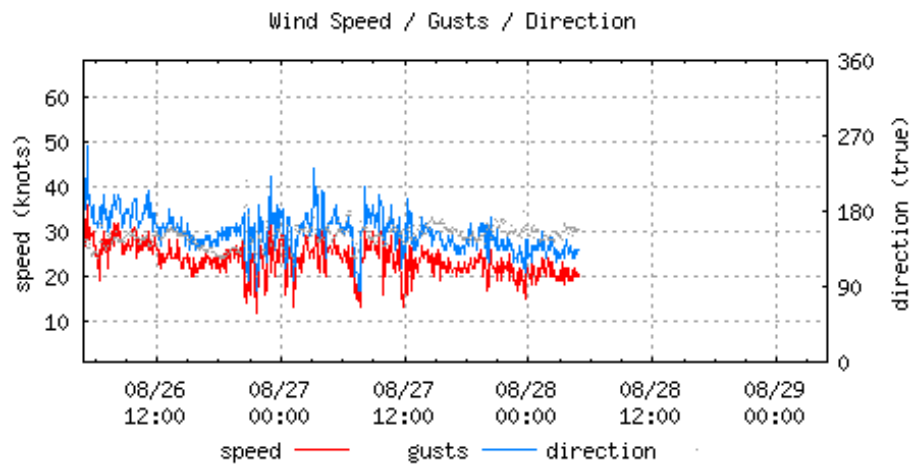
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 1.23 ft. Predicted: -0.47 ft. Residual: 1.70 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

Next High Tide: 08/29/2017 00:03 (CDT), -0.13 ft.

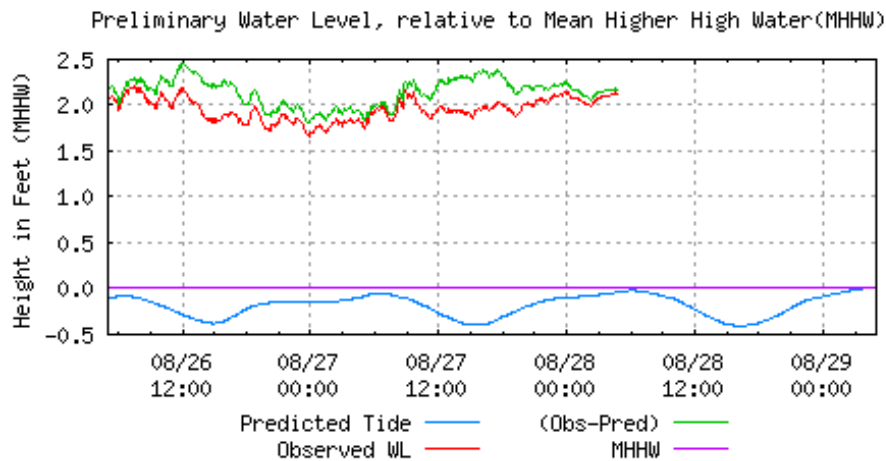
NOAA/NOS/CO-OPS 8772447 Freeport, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 20 knots Gusts: 26 knots Direction: 159° T

NOAA/NOS/CO-OPS 8772985 Sargent, TX



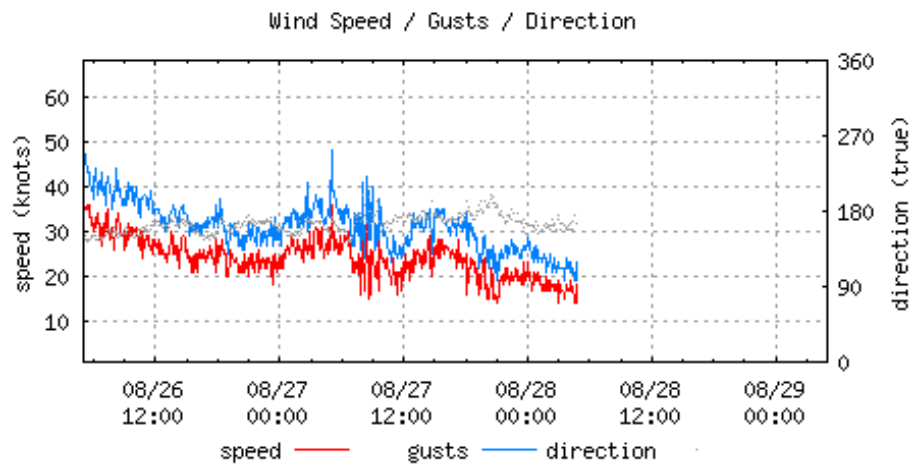
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 2.12 ft. Predicted: -0.04 ft. Residual: 2.16 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 06:04 (CDT), -0.02 ft.

NOAA/NOS/CO-OPS 8772985 Sargent, TX

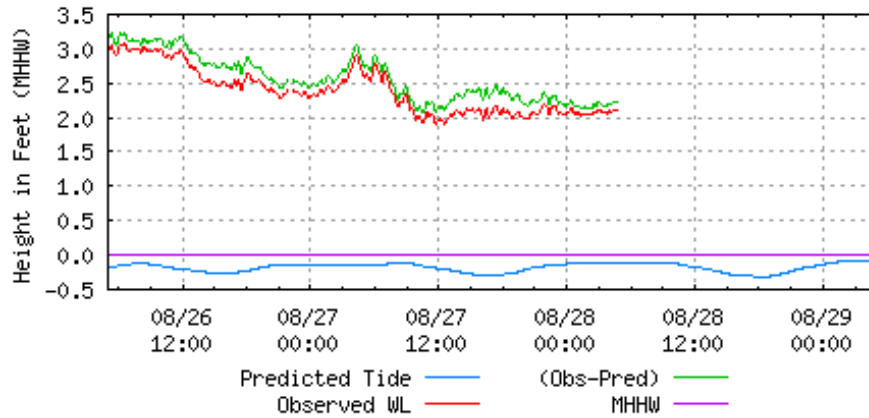


Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 14 knots Gusts: 19 knots Direction: 166° T

NOAA/NOS/CO-OPS 8773146 Matagorda City, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

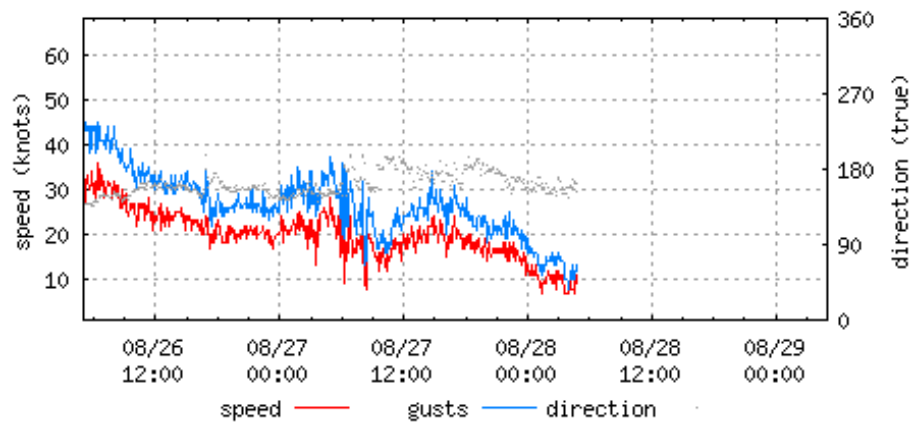
Observed: 2.11 ft. Predicted: -0.11 ft. Residual: 2.22 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 04:56 (CDT), -0.11 ft.

NOAA/NOS/CO-OPS 8773146 Matagorda City, TX

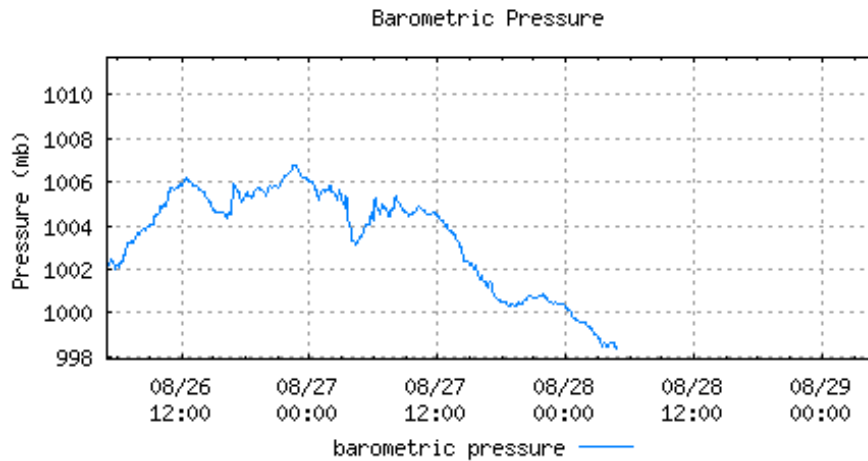
Wind Speed / Gusts / Direction



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 9 knots Gusts: 12 knots Direction: 153° T

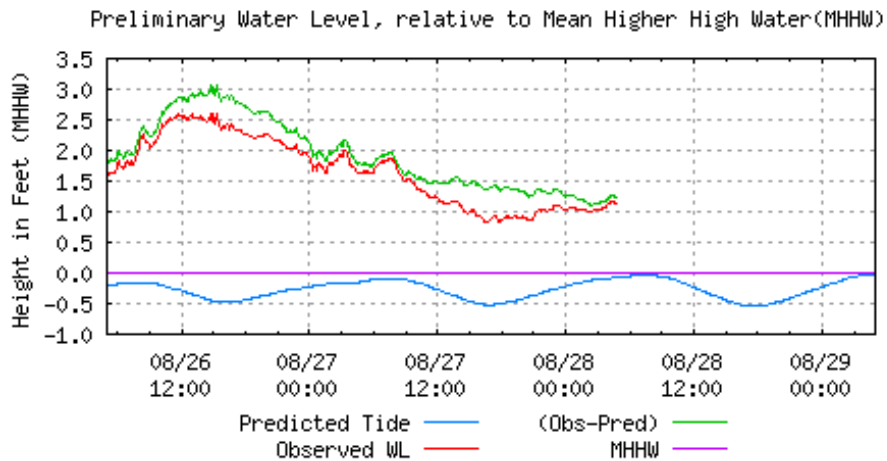
NOAA/NOS/CO-OPS 8773146 Matagorda City, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Barometric Pressure: 998.4 mb

NOAA/NOS/CO-OPS 8773701 Port O'Connor, TX



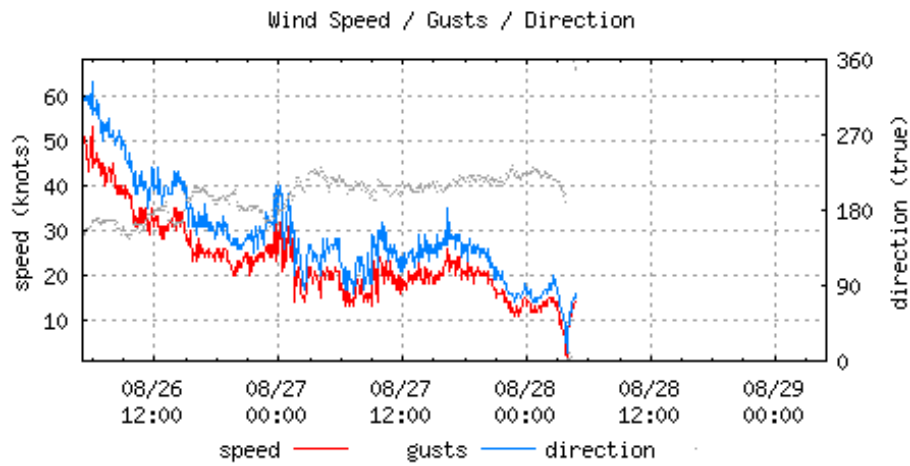
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 1.15 ft. Predicted: -0.07 ft. Residual: 1.22 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 07:18 (CDT), -0.03 ft.

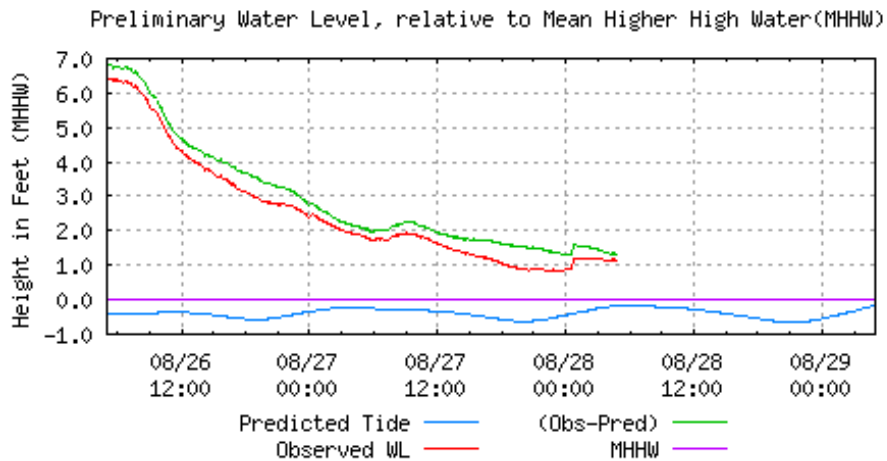
NOAA/NOS/CO-OPS 8773701 Port O'Connor, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 14 knots Gusts: 16 knots Direction: 348° T

NOAA/NOS/CO-OPS 8773259 Port Lavaca, TX



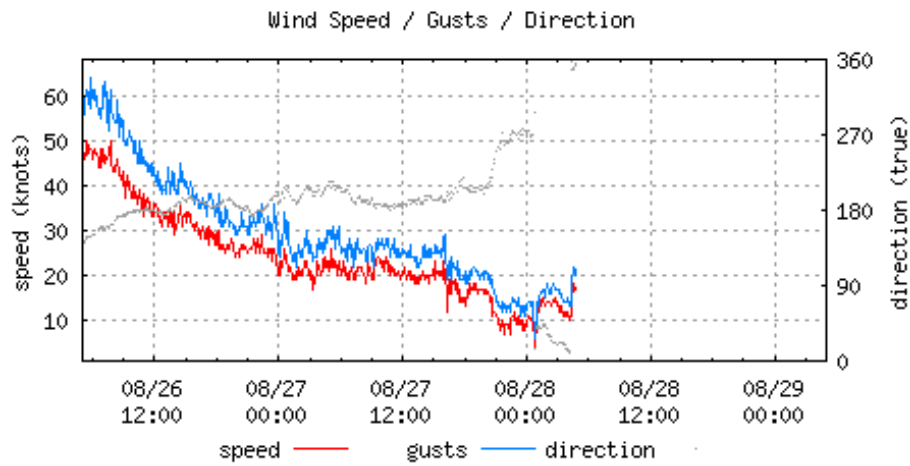
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 1.11 ft. Predicted: -0.18 ft. Residual: 1.29 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 05:54 (CDT), -0.16 ft.

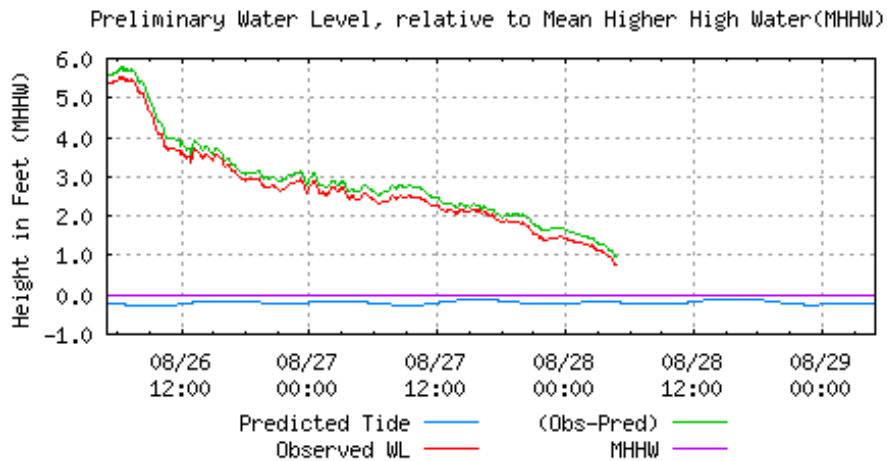
NOAA/NOS/CO-OPS 8773259 Port Lavaca, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 17 knots Gusts: 20 knots Direction: 354° T

NOAA/NOS/CO-OPS 8773037 Seadrift, TX



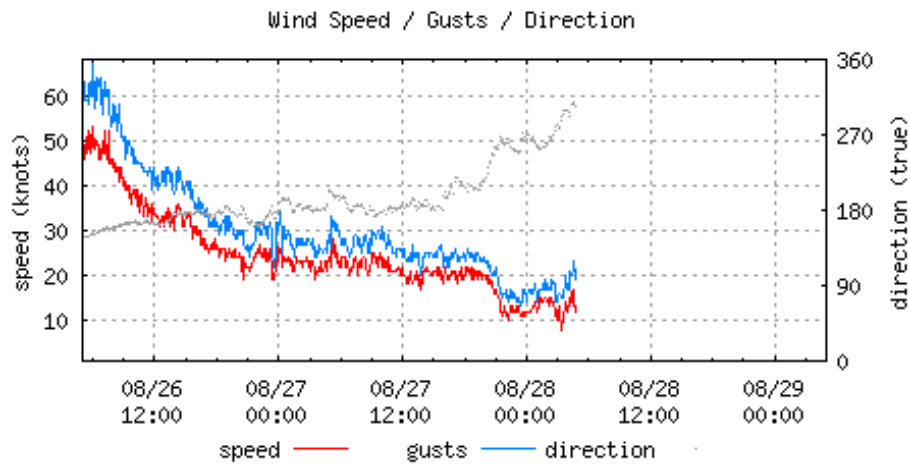
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 0.76 ft. Predicted: -0.19 ft. Residual: 0.95 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 15:30 (CDT), -0.09 ft.

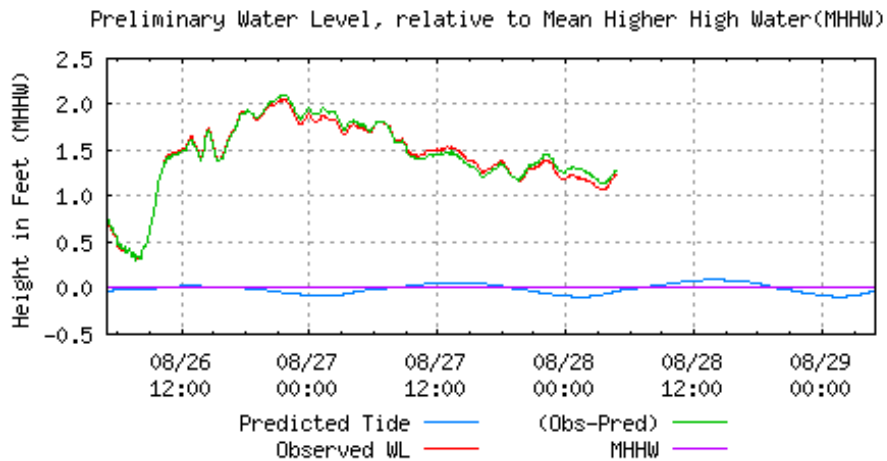
NOAA/NOS/CO-OPS 8773037 Seadrift, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 13 knots Gusts: 19 knots Direction: 303° T

NOAA/NOS/CO-OPS 8774230 Aransas Wildlife Refuge, TX



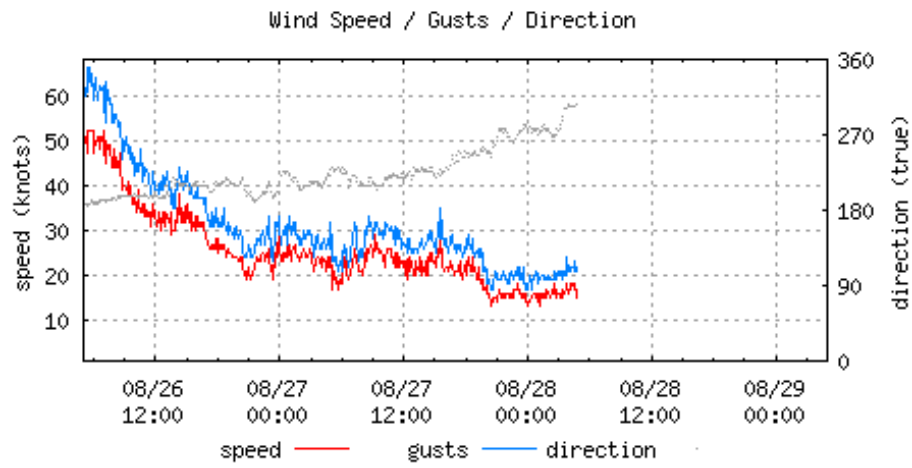
Last Observed Sample: 08/28/2017 04:48 (CDT). Data relative to MHHW

Observed: 1.24 ft. Predicted: -0.03 ft. Residual: 1.27 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 13:47 (CDT), 0.08 ft.

NOAA/NOS/CO-OPS 8774230 Aransas Wildlife Refuge, TX



Last Observed Sample: 08/28/2017 04:48 (CDT)

Wind Speed: 17 knots Gusts: 22 knots Direction: 306° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8770777	Manchester, TX	08/28/2017 04:48 (CDT)	7.86 ft	-0.38 ft	8.24 ft	9.00 ft
8770733	Lynchburg Landing, TX	08/28/2017 04:54 (CDT)	4.96 ft	-0.19 ft	5.15 ft	5.31 ft
8771013	Eagle Point, TX	08/28/2017 04:48 (CDT)	2.84 ft	0.00 ft	2.84 ft	3.42 ft
8771341	Galveston Bay Entrance, North Jetty, TX	08/28/2017 04:48 (CDT)	1.96 ft	-0.42 ft	2.38 ft	2.29 ft
8770971	Rollover Pass, TX	08/28/2017 04:48 (CDT)	2.12 ft	-0.22 ft	2.34 ft	2.73 ft
8770520	Rainbow Bridge, TX	08/28/2017 04:54 (CDT)	1.93 ft	-0.29 ft	2.22 ft	2.03 ft
8770822	Texas Point, Sabine Pass, TX	08/28/2017 04:54 (CDT)	2.65 ft	-0.44 ft	3.09 ft	2.65 ft
8768094	Calcasieu Pass, LA	08/28/2017 04:48 (CDT)	1.62 ft	-0.30 ft	1.92 ft	2.00 ft
8771972	San Luis Pass, TX	08/28/2017 04:54 (CDT)	1.70 ft	-0.11 ft	1.81 ft	2.26 ft
8772447	Freeport, TX	08/28/2017 04:48 (CDT)	1.23 ft	-0.47 ft	1.70 ft	1.48 ft
8772985	Sargent, TX	08/28/2017 04:48 (CDT)	2.12 ft	-0.04 ft	2.16 ft	2.16 ft
8773146	Matagorda City, TX	08/28/2017 04:48 (CDT)	2.11 ft	-0.11 ft	2.22 ft	2.78 ft
8773701	Port O'Connor, TX	08/28/2017 04:48 (CDT)	1.15 ft	-0.07 ft	1.22 ft	1.87 ft
8773259	Port Lavaca, TX	08/28/2017 04:48 (CDT)	1.11 ft	-0.18 ft	1.29 ft	1.94 ft
8773037	Seadrift, TX	08/28/2017 04:48 (CDT)	0.76 ft	-0.19 ft	0.95 ft	2.59 ft
8774230	Aransas Wildlife Refuge, TX	08/28/2017 04:48 (CDT)	1.24 ft	-0.03 ft	1.27 ft	1.81 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce